

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double brackets indicating deletions.

LISTING OF CLAIMS

1. (Cancelled)
2. (Previously Presented) The method of claim 23, wherein the handoff notification request is an event request established using a SIP SUBSCRIBE request.
3. (Previously Presented) The method of claim 23, wherein the call transfer request is a call request including an identifier identifying the call request as a call transfer request.
4. (Original) The method of claim 3, wherein the handoff notification request includes a network address for addressing a call transfer function for the mobile station in the packet call controller, and the identifier is the network address.
5. (Original) The method of claim 3, wherein the identifier is a universal resource identifier.

6. (Original) The method of claim 3, wherein the call request is a SIP INVITE request.

7. (Original) The method of claim 6, wherein the identifier is a Request URI provided for use in call transfer of the mobile station by the handoff notification request.

8. (Previously Presented) The method of claim 23, further comprising:
sending the call transfer request upon receipt of a handoff request for the mobile station.

9. (Previously Presented) The method of claim 23, wherein the first and second networks are one of different networks and different portions of a same network.

10. (Cancelled)

11. (Previously Presented) The method of claim 24, wherein the notification is a call request including an identifier identifying the call request as a call transfer request.

12. (Original) The method of claim 11, wherein the handoff notification request includes a network address for addressing a call transfer function for the mobile station in the packet call controller, and the identifier is the network address.

13. (Original) The method of claim 11, wherein the identifier is a universal resource identifier.

14. (Original) The method of claim 11, wherein the call request is a SIP INVITE request.

15. (Original) The method of claim 14, wherein the identifier is a Request URI provided for the mobile station by the handoff notification request.

16. (Previously Presented) The method of claim 24, further comprising:
establishing a bearer path between the end point and the mobile station via the second network when the notification is received.

17. (Original) The method of claim 16, wherein the establishing step comprises:
sending a call control request to the end point requesting agreement to transition the packet call controller from a call control agent for a first call control path from the first network to the end point to a call control agent for a second call control path from the second network to the end point.

18. (Original) The method of claim 17, wherein the establishing step further comprises: setting up the bearer path at the packet call controller as the call control agent for the second call control path.

19. (Original) The method of claim 17, wherein the control request is a SIP re-INVITE request.

20. (Previously Presented) The method of claim 24, wherein the handoff notification request is a SIP INVITE request.

21. (Cancelled)

22. (Previously Presented) The method of claim 24, wherein the first and second networks are one of different networks and different portions of a same network.

23. (Currently Amended) A method of transferring a packet switched call carried over a first network to a circuit switched call carried over a second network, comprising:
receiving a handoff notification request from a packet call controller at a network controller of the second network, the handoff notification request instructing the network controller to send a call transfer request to the packet call controller when a handoff request for a mobile station is received by the network controller, the call transfer request requesting transfer from a packet switched call carried over the first network to a circuit switched call over the second network;

receiving a serving controller notification request to a location register, the serving controller notification request requesting notification of a circuit switching controller in the second network with which the mobile station is registered at least when a change in circuit switching controller registration takes place;

sending at least one serving controller notification indicating the circuit switching controller with which the mobile station is registered; and

wherein the receiving step receives the handoff notification request from the indicated circuit switching controller.

24. (Currently Amended) A method of transferring a packet switched call carried over a first technology based network to a circuit switched call carried over a second technology based network, the packet switched call being between a mobile station and an end point, comprising:

sending a handoff notification request to the second technology network, the handoff notification request requesting that the second technology network send notification when the second technology network receives a handoff request for the mobile station;

sending a serving controller notification request to a location register, the serving controller notification request requesting notification of a circuit switching controller in the second network with which the mobile station is registered at least when a change in circuit switching controller registration takes place;

receiving at least one serving controller notification indicating the circuit switching controller with which the mobile station is registered; and

wherein the sending step sends the handoff notification request to the indicated circuit switching controller.